

L13 ANSWER 2 OF 40 USPATFULL on STN
AN 2004:171994 USPATFULL
TI Mammalian **protein phosphatases**
IN Plowman, Gregory D., San Carlos, CA, UNITED STATES
Whyte, David, Belmont, CA, UNITED STATES
Manning, Gerard, Menlo Park, CA, UNITED STATES
PA SUGEN INCORPORATED (U.S. corporation)
PI US 2004132155 A1 20040708
AI US 2003-716488 A1 20031120 (10)
RLI Division of Ser. No. US 2001-986992, filed on 13 Nov 2001, ABANDONED
Division of Ser. No. US 2001-866987, filed on 30 May 2001, PENDING
PRAI US 2000-208291P 20000530 (60)
US 2000-246974P 20001113 (60)
DT Utility
FS APPLICATION
LREP FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007
CLMN Number of Claims: 32
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
AB The present invention relates to phosphatase polypeptides, nucleotide sequences encoding the phosphatase polypeptides, as well as various products and methods useful for the diagnosis and **treatment** of various phosphatase-related diseases and conditions. Through the use of a bioinformatics strategy, mammalian members of the MAP kinase phosphatase PTP's and STP's have been **identified** and their protein structure predicted.

PARN [0001] The present invention claims priority to U.S. application Ser. No. 09/866,987 filed May 30, 2001 and provisional application Serial No. 60/208,291, filed May 30, 2000, which are hereby incorporated by reference in their entirety.

SUMM FIELD OF THE INVENTION

[0002] The present invention relates to phosphatase polypeptides, nucleotide sequences encoding the phosphatase polypeptides, as well as various products and methods useful for the diagnosis and **treatment** of various phosphatase-related diseases and conditions.

L13 ANSWER 1 OF 40 USPATFULL on STN
AN 2004:203415 USPATFULL
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PA SUGEN INCORPORATED (U.S. corporation)
PI US 2004157306 A1 20040812
AI US 2003-716489 A1 20031120 (10)
RLI Division of Ser. No. US 2001-986992, filed on 13 Nov 2001, ABANDONED
PRAI US 2000-246974P 20001113 (60)
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L1 80375 S PROTEIN PHOSPHATASE
L2 11567 S DUAL SPECIFICITY
L3 2258 S L1 AND L2
L4 11629792 S IDENTIF? OR SCREENING
L5 1306 S L3 AND L4
L6 2618318 S MICROARRAY OR HOMOLOG?
L7 904 S L5 AND L6
L8 657 S HYBRIDIZ? AND L7
L9 615 S TREAT? AND L8
L10 0 S MGPSEAGRR? AND L9
L11 1047720 S CELL PROLIFERATION
L12 481 S L9 AND L11

=> s L12 AND phosphatase domain

34 FILES SEARCHED...

L13 40 L12 AND PHOSPHATASE DOMAIN